

Claims:

1. A door for motor vehicles with a door outer plate and a door inner plate,
wherein

- the door has an outer module (A) and inner module (I)
- the outer module (A) and inner module (I) can be connected to each other by screws, rivets, and adhesives or in a similar manner;
- the inner module (I) has means for accommodating door aggregates, e.g. window pane, side window handles, side airbag;
- the outer module (A) is comprised of a door outer plate (1) and a connecting plate (6) affixed thereto, and wherein said connecting plate (6) has integrated or retro-fittable reinforcing parts (4,8,10);

characterized in that

- the connecting plate (6) connected to the door outer plate (1) carries the door hinges connectible to the car body (17) in a detachable configuration;
- the inner module (I) is comprised of the door inner plate (2) and at least of a locking plate (3) connectible thereto
- the door inner plate (2) and locking plate (3) encompass the window frame;
- the door inner plate (2) has a circumferential fixing profile (9) for a door seal (7) that can be plugged-on; and
- the separation line between the outer module (A) and inner module (I) extends along the sealing plane of the door-side door seal (7).

2. A door pursuant to Claim 1, **characterized in that** the circumferential fixing profile (9) is formed by deep-drawing technique to the inner plate (2)

3. A door as claimed in any of Claims 1 or 2, **characterized in that** the circumferential fixing profile (9) in its cross-section is mainly configured like a U-shape and has a short, mainly rectangular rim (12) bent towards the inside, which is located at its outer end to retain said door seal (7).

4. A door as claimed in any of Claims 1, 2, or 3, **characterized in that** the basis (13) of the U-shaped fixing profile (9) has a level and plane support surface for connection with the connecting plate (6) of the outer module (A).
- 5 5. A door pursuant to Claim 4, **characterized in that** the connection of the fixing profile (9) with the connecting plate (6) is comprised of a screw or rivet connection (16) and, additionally, of an adhesive connection (14).
- 10 6. A door pursuant to Claim 1, **characterized in that** the door inner plate (2) and the locking plate (3), which encompasses the window frame, as well as the reinforcing plate (5) for the B-column are connected with each other by laser welding or laser soldering.
- 15 7. A door pursuant to Claim 1, **characterized in that** the outer module (A) is lacquered jointly with the car body (17), and that the inner module (I) is lacquered separately thereof.
8. A door pursuant to Claim 1, **characterized in that** the connecting plate (6) of the outer module (A) has a circumferential frame, which is profiled in its cross-section.
- 20 9. A door pursuant to Claim 8, **characterized in that** the circumferential frame extends in U-shape along the door seal (7) and that it is comprised of a reinforcing plate (10), which is arranged in the area of the window shaft.